

## Spec Guide

## ZipTwo | Round 3515 | 707



Direct lighting for open office and ambient applications.



Round 3515, Diffuse, white

## Benefits &amp; Features

## Low Profile Design

Round profile. 1.38" (35mm) x 0.60" (15mm).

## Superior Light Quality with High Diffusion

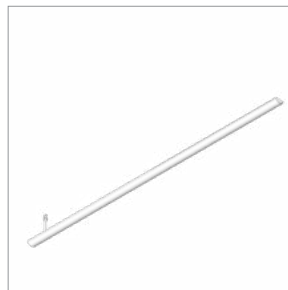
Output up to 1071 lm/ft (HO), 110 lm/W (HO). 90 CRI static, 90 CRI RGBW, & 90 CRI tunable white 2200K - 5000K. Custom ranges available upon request.

## Versatile Mounting Options, Easy Installation

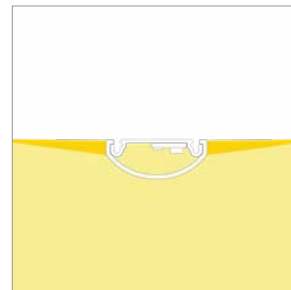
Magnet with tape-on metal strip or low profile clip allow for mounting to almost any surface or T-Bar ceiling.

## High Diffusion &amp; Uniform Distribution

Wide, soft distribution without diode image.



Single Rail



Light Distribution

Build Your Specification

707-Z2	SL				0
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<b>System &amp; Rail Type</b> 707-Z2 ZipTwo	<b>System Type</b> SL Standard Linear	<b>System Length</b> Specify overall system length in ft/in or M/mm.  <i>Corner and Shapes Available</i> <a href="#">See Guide</a> for details.	<b>Rail Length</b> 24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) 108 108" (2743mm) 120 120" (3048mm) 132 132" (3352mm) 144 144" (3658mm) ZZ Other rail length or layout (please specify) <a href="#">See Rail Length Chart</a> for more details. <b>⚠ Custom lengths may result in light gaps on the fixture. See Rail Length Chart for more details.</b>	<b>Mounting</b> <b>C</b> Clip <b>CM</b> Clip with Micro J-Box <sup>1</sup> <b>T</b> Magnet with Tape-On Metal Strip <sup>2</sup> <b>T1</b> 9/16" T-Bar Clip, low profile <b>T2</b> 15/16" T-Bar Clip, low profile <b>T3</b> 15/16" T-Bar Clip, medium profile <b>T4</b> 15/16" T-Bar Clip, concealed <b>T5</b> 9/16" T-Bar Clip, medium profile <b>T6</b> Slotted T-Bar Clip <b>T7</b> Dimensional T-Bar Clip  <b>Wood Ceiling</b> <b>G1</b> Grille Tegular Vertical Slats 9/16" <b>G2</b> Grille Tegular Vertical Slats 15/16" <b>G3</b> Grille Tegular Horizontal Slats <b>G4</b> Grille 1-3/8" Slat <b>G5</b> Grille 2-1/4" Slat Height <b>G6</b> Grille 3-1/4" Slat Height  <b>Armstrong Ceilings</b> Add an 'A' to the end of the mounting spec code Examples: G1A, G6A, T1A  <b>SC</b> Strut Channel Clip <sup>1</sup> <b>DM</b> Armstrong DynaMax <b>CC</b> Ceiling Cable <b>ZZ</b> Other (please specify)	<b>Arm/Cord Length</b> 0 None
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<b>Power Location</b> Remote Power  <b>RP10</b> 10' (3.048m) Wire Harness <b>RP25</b> 25' (7.62m) Wire Harness <b>RP50</b> 50' (15.24m) Wire Harness <b>RP75</b> 75' (22.86m) Wire Harness <b>RP100</b> 100' (30.48m) Wire Harness	<b>Power Type</b> <b>Flexible 1 to 1 Power</b> <b>AE</b> 0-10V, 1.0% Dimming <b>AT</b> 0-10V, 0.1% Dimming <b>AD</b> DALI, 0.1% Dimming <b>AX</b> DMX, 100-0% Dimming <b>AH</b> Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE <sup>1</sup> <b>AH2</b> ELV 1% 2-wire (Forward and Reverse Phase) <sup>6</sup>  <b>Optimized Power</b> Add 'O' to power type example: AEO, ATO...etc. <sup>3</sup>  <b>VodeNODE</b> Add 'N' to power type for Flexible 1 to 1 Power Add 'ON' to power type for Optimized Power example: AEN, ATN, AEON, ADON...etc. <sup>4</sup>  <b>ZZ</b> Other (please specify) <a href="#">See Power Guide</a> for driver features & limitations.	<b>Voltage</b> <b>1</b> 120V <b>2</b> 120V - 277V <b>X</b> Not Yet Specified	<b>Emergency Power</b> <b>0</b> No Emergency Power <b>ZZ</b> Emergency Power (specify requirements)	<b>LED Type</b> <b>Z</b> Zipper Board
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<b>Lumen Output</b> <b>LO</b> Low Output <b>SO</b> Standard Output <b>HO</b> High Output <b>ZZ</b> Other (please specify)  <a href="#">See IES Files</a> page for details. <a href="#">See Power Guide</a> for driver features & limitations.	<b>Color Temperature</b> <b>90+ CRI</b> <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K  <b>RGBW 90+ CRI</b> <b>C279</b> RGB Color, 2700K <b>C309</b> RGB Color, 3000K <b>C359</b> RGB Color, 3500K <b>C409</b> RGB Color, 4000K  <b>ZZ</b> Tunable White Available <a href="#">See Guide</a> for details.	<b>Optics</b> <b>S4</b> Round 3515, Diffuse (WH)	<b>Sensors</b> <b>0</b> None <b>ZZ</b> Other (please specify) <sup>5</sup>	<b>Finish</b> <b>WH</b> White
<b>NOTES &amp; LIMITATIONS</b> <sup>1</sup> Mounting type available with Chicago Plenum. <sup>2</sup> Custom modification available for Chicago Plenum. Contact factory. <sup>3</sup> Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type. <sup>4</sup> VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type. <sup>5</sup> Sensors are available please contact Vode for more information. <sup>6</sup> Lengths of 24" and shorter are not supported due to driver limitations. Daisy chaining multiple fixtures to achieve minimum load is permitted but may introduce installation complexity—consult factory for layout guidance.				

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<b>Options</b>	
<b>0</b>	None
<b>9</b>	9' 18/3 Cord and Plug
<b>CPS</b>	Chicago Plenum Fixture Adapter & Power
<b>CPP</b>	Chicago Plenum Power
<b>CPA</b>	Chicago Plenum Fixture Adapter

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA. Certain limitations exist for each Certification. Contact factory for verification.

Standard 5 Year Limited Warranty. See details [here](#). Contact factory for options on Limited Warranties up to 20 years.



## Applications

### General Interior and Open Office



Office Space: rendering.



St. Louis Enterprise Center, St. Louis, MO

# Sustainability & Certifications

## DECLARE

### International Living Future Institute (ILFI)



All Vode Lighting linear light fixtures proudly carry the Red List Approved designation.



Click here to learn more: [International Living Future Institute](#)

## TM65NA

### CIBSE & ASHRAE on Embodied Carbon

Vode recognizes TM65NA as the highest standard for understanding the embodied carbon of our fixtures.

Developed with ASHRAE, it adapts CIBSE's TM65 for North America, ensuring accurate regional assessments. It must be used alongside TM65 and follows TM65LA's framework.

**System:** 707 | ZipTwo | Surface  
**Embodied Carbon (kg CO<sub>2</sub>e):** 28.63\*

\***Note:** Embodied Carbon, expressed in kilograms of CO<sub>2</sub>e is calculated using a 48" fixture and includes the LED driver.



Click here to learn more [CIBSE, ASHRAE](#).

## BAA X BABA

### Buy American Act / Build America & Buy America Act Compliance

Vode is dedicated to supporting domestic manufacturing and ensuring compliance with BAA and BABA requirements.

Given the complexity of our products, we recommend reaching out to [vodecares@vode.com](mailto:vodecares@vode.com) for confirmation regarding compliance for your specific project.



Click here to learn more: [US Department of Commerce](#)

Structure

Rail Lengths	24" (610mm) - 144" (3658mm). Modified lengths available. See <a href="#">Rail Length Chart</a> for more details.
Rail Dimensions	1.38" (35mm) x 0.60" (15mm) x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Clip, Clip with Micro J-Box, Magnet with Tape-On Metal Strip, T-Bar Clips for most grid/panel construction, Strut Channel Clip.
System Run Length	24" (610mm) minimum. Unlimited maximum.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-95%, non-condensing. Suitable for damp locations.
System Weight	0.25lbs per ft (0.11kg per 305mm). Power supply and housing not included.

Materials

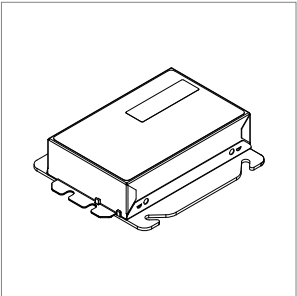
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 ( <i>PVC free in 2020</i> ) .
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant ( <i>PVC free in 2020</i> ).
Remote Linear Power Housing (RLP)	20.7" x 2.375" x 2.53", 0.054" formed Galvanized Steel.
Remote Brick Power Housing (RBP)	4.32" x 3.37" x .078" Galvanized Steel mounting plate.

Power and Controls

Power Type	Class 2 (<60V output) constant current driver.
Dimming Controls	Dimming (0.1%, 1%), 0-10V, DALI, DMX, Hi-lume 1% are available. See <a href="#">Power Guide</a> for details.
Input Voltage	120V - 277V, 50/60hz.
Power Location	Remote power. Maximum remote distance up to 100' (30.5m) <i>depending</i> on driver selection. See <a href="#">Power Guide</a> for details.

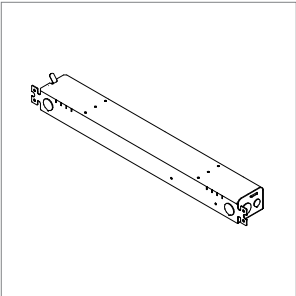
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



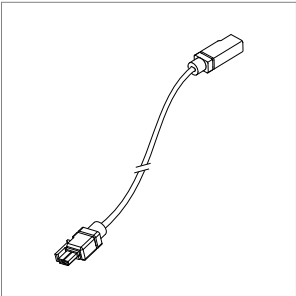
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in<sup>3</sup> (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

Wire Harness



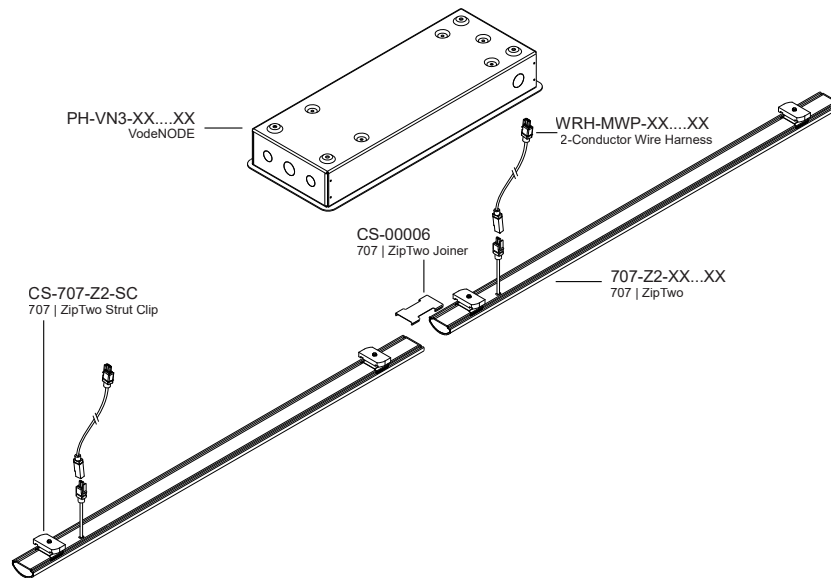
Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.



## Power and Controls

### Flexible 1 to 1 power

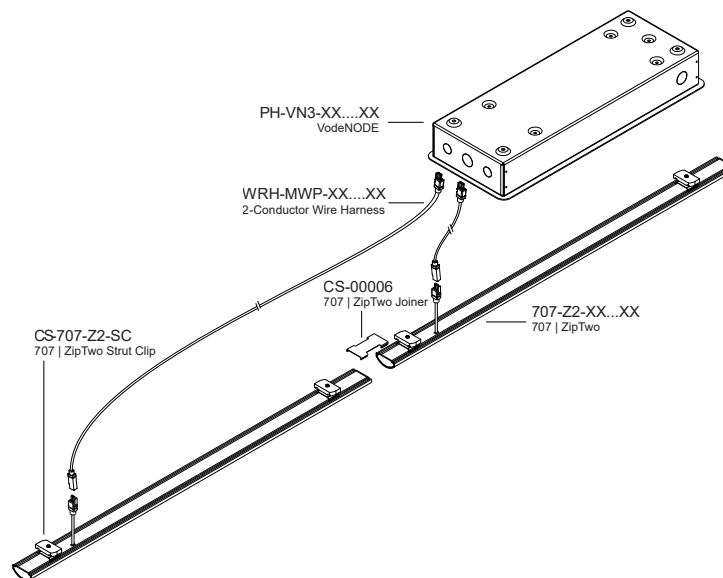
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#) to determine which type you will receive.



### Optimized Power

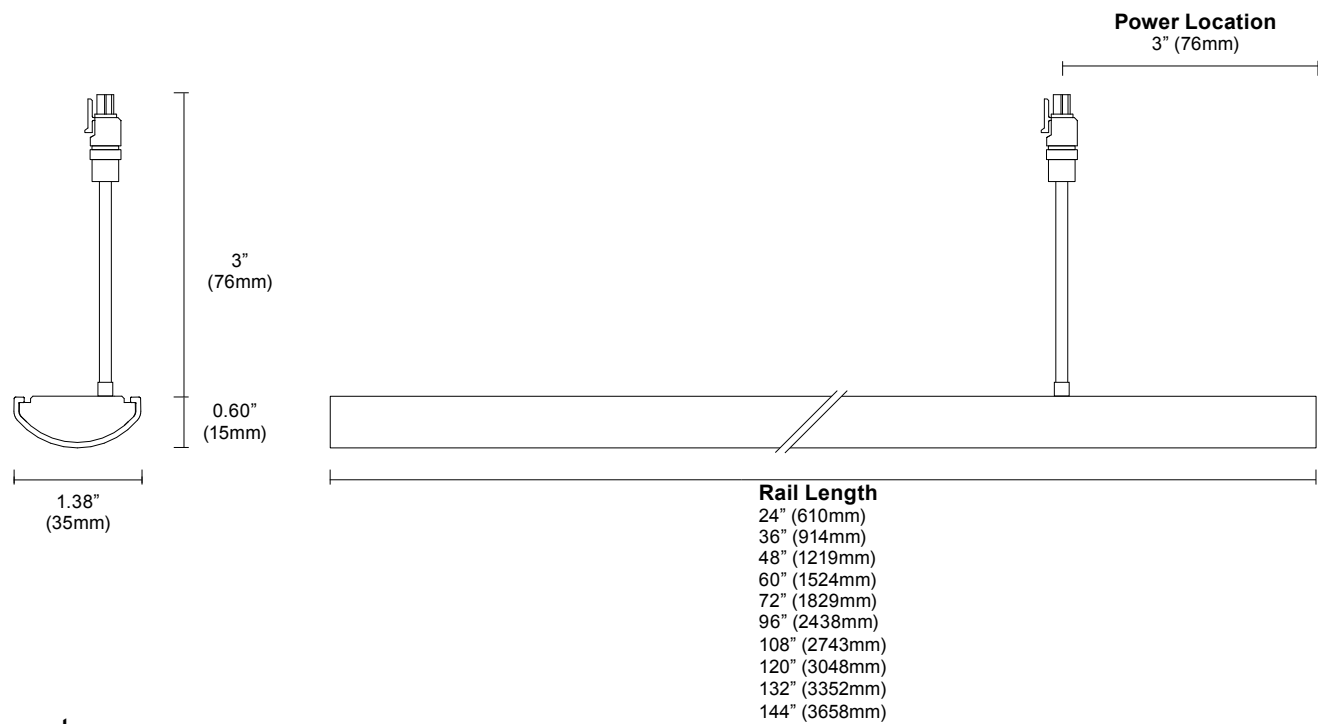
To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult [Power Guide](#) to determine which type you will receive.

IMPORTANT: Each fixture will still require individual wire harnesses, as shown below.

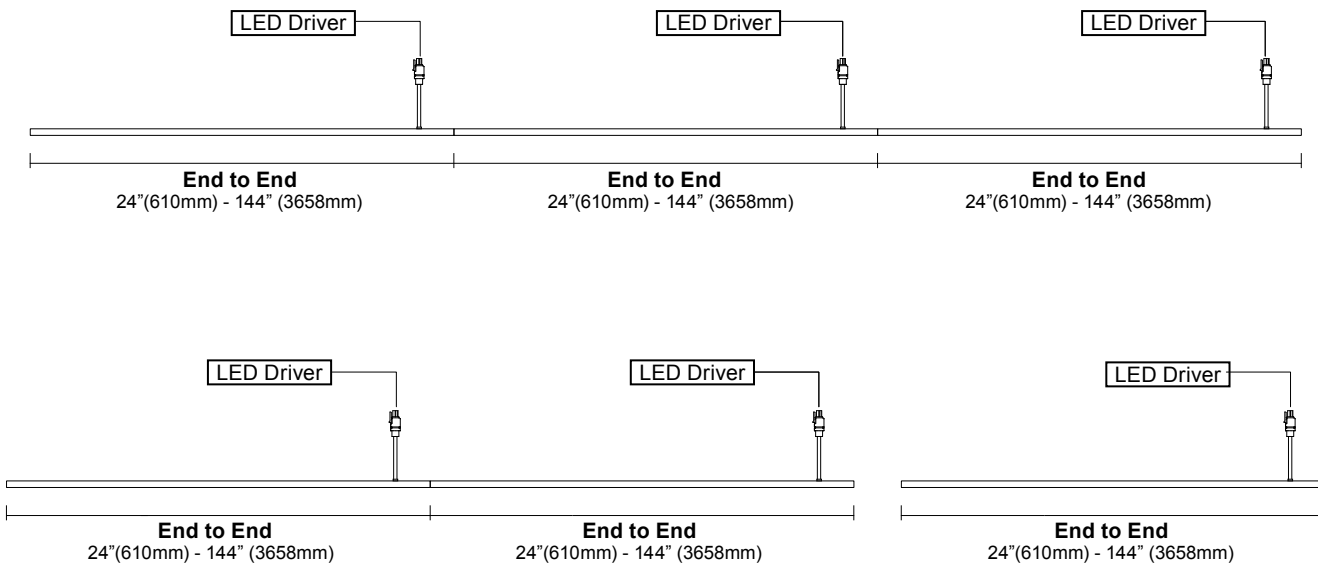


Note: Drawings not to scale, for reference only.

Dimensions

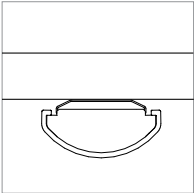
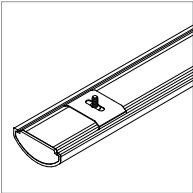


Layout

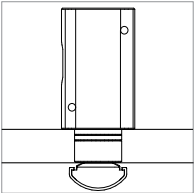
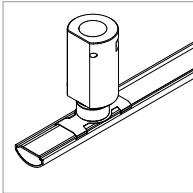


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

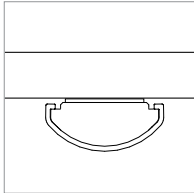
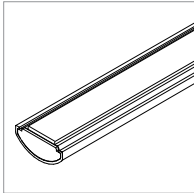
Mounting Options



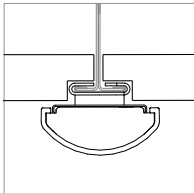
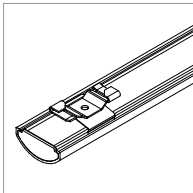
Clip (C)



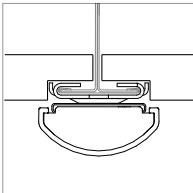
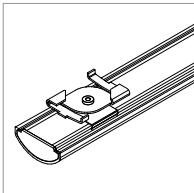
Clip with Micro J-Box (CM)



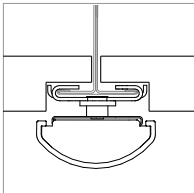
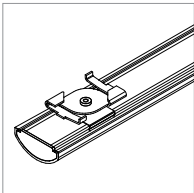
Magnet with Tape-On Ferrous Strip (T)



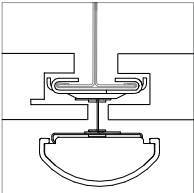
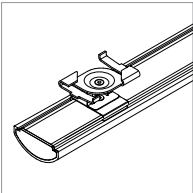
9/16" T-Bar Clip, low profile (T1)



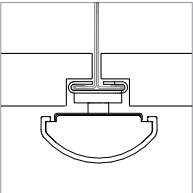
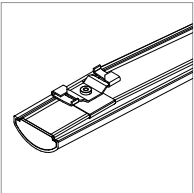
15/16" T-Bar Clip, low profile (T2)



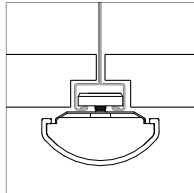
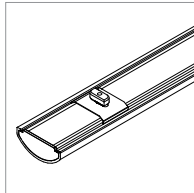
15/16" T-Bar Clip, medium profile (T3)



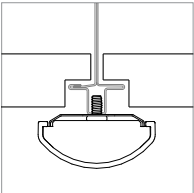
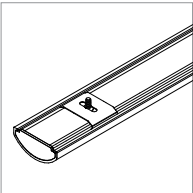
15/16" T-Bar Clip, concealed (T4)



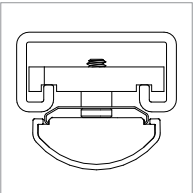
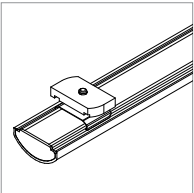
9/16" T-Bar Clip, medium profile (T5)



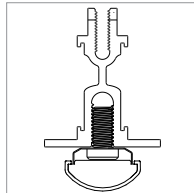
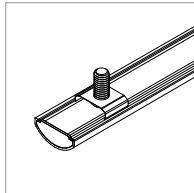
Slotted T-Bar Clip (T6)



Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



Armstrong DynaMax (DM)

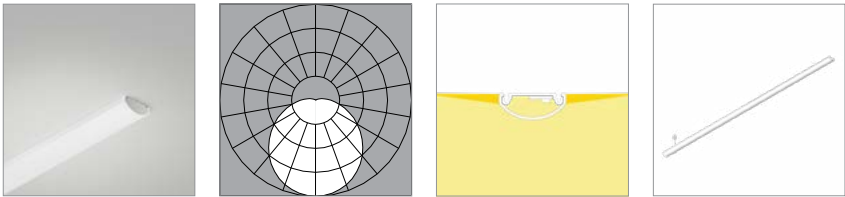
See [ZipTwo Clip Guide](#) to check compatibility.



Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

Round 3515, Diffuse (S4)



L80 is >60,000 hours

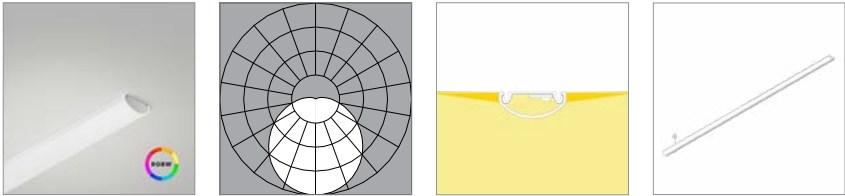
90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	94	97	99	100
Lumens per foot (305mm)	347	358	366	369
Watts per foot (305mm)	3.8	3.8	4	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	110	113	113
Lumens per foot (305mm)	695	717	731	739
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	109	111	113
Lumens per foot (305mm)	1042	1075	1097	1108
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).  
RGBW (red, green, blue, and white) tested with **all channels on**.

Round 3515, Diffuse (S4)



L80 is >60,000 hours

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Low Output (LO)				
Efficacy - Lumens per Watt	57	58	59	60
Lumens per foot (305mm)	472	487	497	502
Watts per foot (305mm)	8.5	8.5	8.5	8.5
Standard Output (SO)				
Efficacy - Lumens per Watt	54	58	59	60
Lumens per foot (305mm)	716	764	783	792
Watts per foot (305mm)	13.3	13.3	13.3	13.3

## Patent Marking

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